Year 2 Program of Study Science

**Sc2/1    Working Scientifically**

During years 1 and  2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

Sc2/1.1    asking simple questions and recognising that they can be answered in different ways

Sc2/1.2    observing closely, using simple equipment

Sc2/1.3    performing simple tests

Sc2/1.4    identifying and classifying

Sc2/1.5    using their observations and ideas to suggest answers to questions

Sc2/1.6    gathering and recording data to help in answering questions.

**Sc2/2.1    Living things and their habitats**

Sc2/2.1a    explore and compare the differences between things that are living, dead, and things that have never been alive

Sc2/2.1b    identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other

Sc2/2.1c    identify and name a variety of plants and animals in their habitats, including microhabitats

Sc2/2.1d    describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

**Sc2/2.2    Plants**

Sc2/2.2a    observe and describe how seeds and bulbs grow into mature plants

Sc2/2.2b    find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

**Sc2/2.3    Animals including humans**

Sc2/2.3a    notice that animals, including humans, have offspring which grow into adults

Sc2/2.3b    find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

Sc2/2.3c    describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

**Sc2/3.1    Uses of everyday materials**

Sc2/3.1a    identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses

Sc2/3.1b    compare how things move on different surfaces.

Sc2/3.1c    find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching